GPT
GLOBAL POWER
TECHNOLOGIES

Global Power Technologies is the expert in providing Power Management Systems. Our experienced application engineers and project managers overcome electrical construction startup and commissioning hurdles to provide on-time and on-budget systems. We help end users, engineers and contractors develop rapid project deployment strategies by implementing time-saving methods for factory testing and off-site power management system integration.

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What is

Critical Electrical Infrastructure Management?

Critical infrastructure management involves **event-driven maintenance** to maximize uptime based on equipment analytics, **forensic information** for post-event analysis, and **power quality and consumption trending** for better energy efficiency. The components that make up a critical infrastructure management system include **smart electrical and mechanical equipment** and **intelligent software** to record and track that equipment.

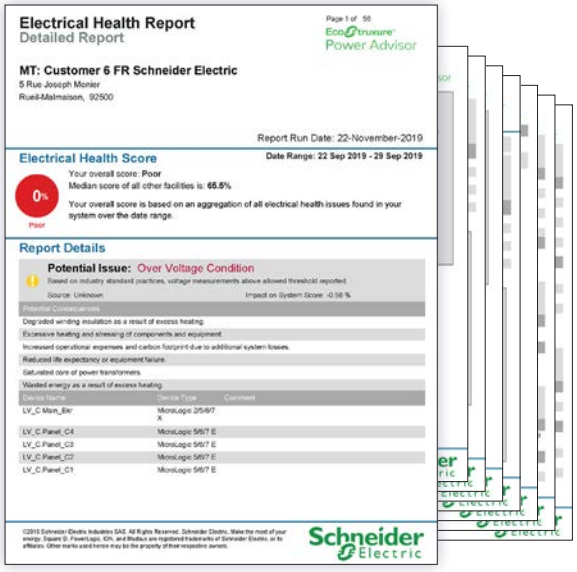
Global Power Technologies utilizes the latest advanced software for real-time management and cloud-based analytics which continuously record electrical system data to alert users to anomalies including meter wiring errors and loss of data.

Simultaneously, the cloud-based electrical system analyzer is continuously monitoring power quality and electrical system quality. Combined with your GPT-installed and -commissioned power management system, your building will continue to operate reliably and accurately.

Power Advisor from Schneider Electric™ monitors:

- **System health**
- **Data logging status**
- **Device communication status**
- **Server status**

Power Monitoring Dashboard



Power Advisor Reports

Solutions for Data Centers

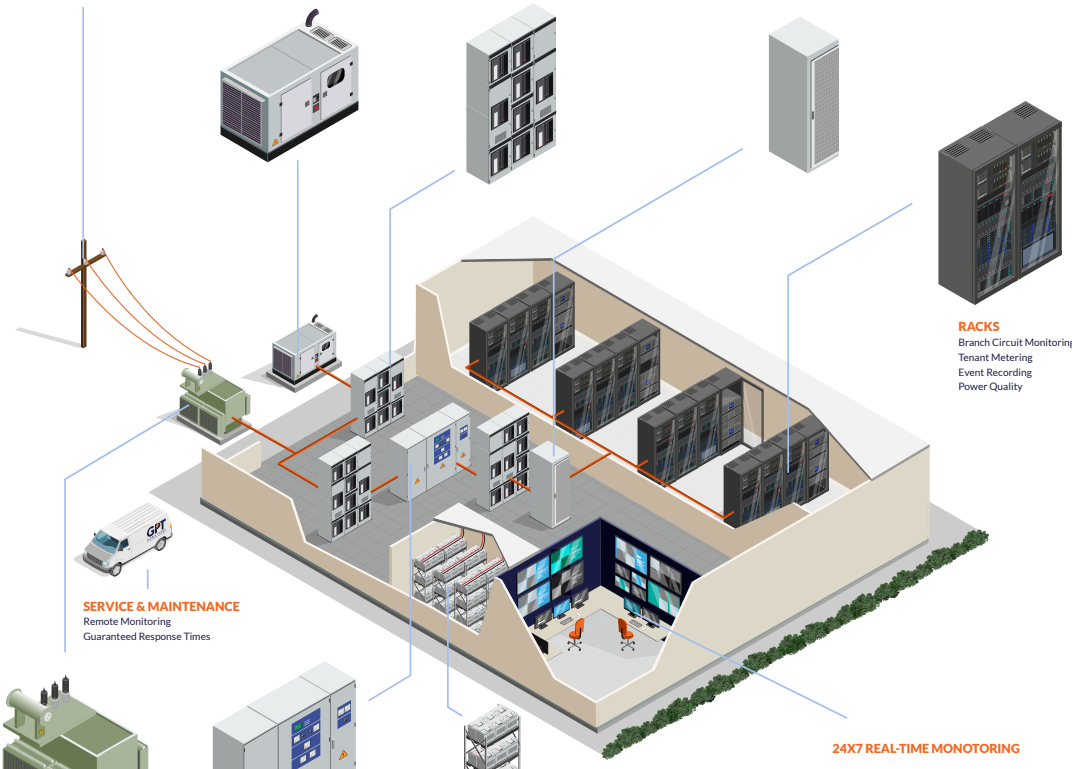
Global Power Technologies delivers solutions for every aspect of a data center facility. Manage your assets, ensure network reliability and track energy cost to maintain a healthy electrical infrastructure efficiently.

UTILITY POWER
Shadow Billing
IEEE 519 Power Quality Compliance with ION 9000

DIESEL GENERATOR
Run Time Information
Confirmed Status (Auto/Manual)
Battery Health Monitoring

SWITCHGEAR
Power Quality Metering
Trip Unit Monitoring
Breaker Status
Event History

PDU / RPP
Capacity Planning
Power Availability & Usage Reporting
Event Driven Maintenance
Tenant Metering



RACKS
Branch Circuit Monitoring
Tenant Metering
Event Recording
Power Quality

SERVICE & MAINTENANCE
Remote Monitoring
Guaranteed Response Times

MV TRANSFORMER
Dissolved Gas Analysis
Harmonic Compliance Monitoring

UPS
Capacity Planning
Power Availability & Usage Reporting
Event Driven Maintenance

BATTERY MONITORING
Extend Battery Life up to 65%
Replace Batteries based on Data
Minimize Battery Testing & Maintenance

24X7 REAL-TIME MONOTORING

Industrial Services & Other Markets

Higher Education / Campus Energy Management

Allocate energy usage based on actual consumption. Develop metrics to compare buildings to find hidden energy costs savings. Verify sustainability goals.

Industrial Facilities

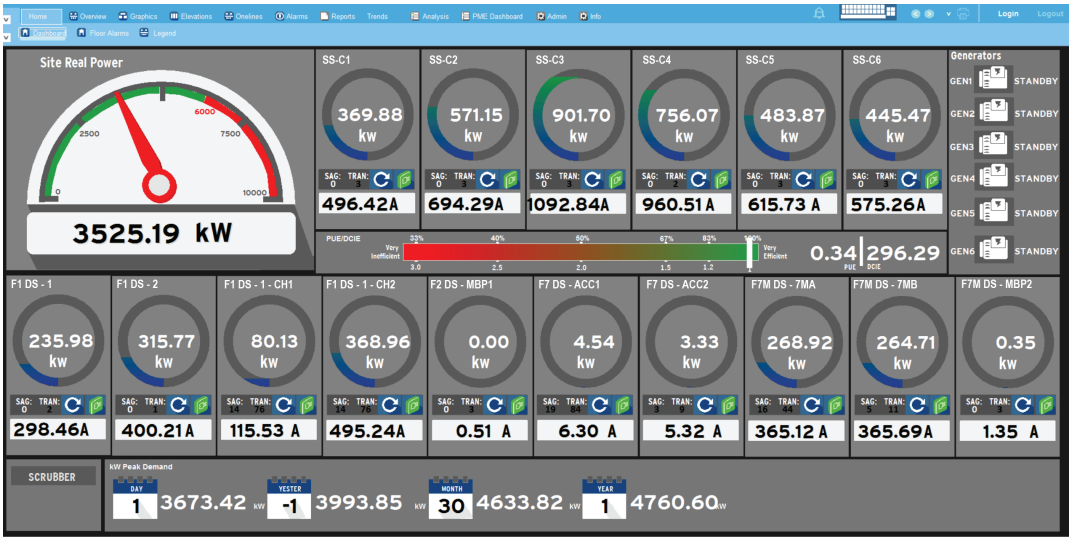
Power consumption and network reliability are vital to profitability. Manage your assets, track power quality excursions and operate an efficient power monitoring system with GPT's power management systems.

Healthcare Environments

Complex electrical distribution systems with multiple sources of power require constant attention. GPT can design, install and maintain your power management system to facilitate sustainability metrics, automate generator testing and allocate energy costs.

SCADA Development & System Integration

- GPT utilizes the latest in HMI graphics development concepts so operators “see” what is critical
- Custom energy usage reports and trending for easy analysis of energy consumption patterns
- Integration via ModbusTCP, IEC 61850, SNMP and other industry standard protocols for total energy system monitoring
- Customized dashboards for energy usage, power quality analysis and PUE
- Energy allocation reports for electrical, water, air, gas and steam metering
- Automated generator testing for Joint Commission compliance in healthcare applications



EcoXpert™
Critical Power MASTER
Certified by Schneider Electric

Services

- Site and enterprise management solutions
- Turnkey project management
- Energy management system design
- Power quality analysis & mitigation
- Startup & commission services
- Contracting services

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